

Tenneco Minerals
A Tenneco Company

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November 26, 1991

Mr. Lowell P. Braxton
Associate Director, Mining
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180

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**DIVISION OF
OIL GAS & MINING**

Reference: Installation of Carbon Recovery System
Phase I - Goldstrike Mine

Dear Mr. Braxton:

This letter is to notify you that Tenneco Minerals plans to install a carbon scavenger recovery system in its Merrill-Crowe plant building to optimize process operations in February 1992.

The carbon recovery system consists of three carbon adsorption tanks, a carbon eductor transfer system, a portable transfer tank and a fresh water carbon wash system. The carbon adsorption tanks will be installed in series and will receive pregnant solution from the existing plate and frame filter press to remove the remaining gold content. The solution will flow through each carbon tank in series. After the solution exits the third carbon tank, it will be routed to the barren pond. Please see Attachment One for a schematic diagram.

The carbon adsorption tank dimensions are 7'4" in diameter and 6'0" in height. Each tank will be loaded with 1 ton of GRC 6 x 16 mesh carbon. A carbon eductor transfer system and portable transfer tank would also be installed to advance new and/or stripped carbon from tank to tank.

Stripping will be conducted offsite approximately once/month through a contracted independent stripping firm. Here the stripped carbon will be electrowon and shipped to the refinery.

The fresh water carbon wash system will wash new or stripped carbon to remove the fines from the carbon prior to placing it in the carbon adsorption tanks. The rinse water from the carbon wash system will be routed to the barren pond.

MR. LOWELL P. BRAXTON
INSTALLATION OF CARBON RECOVERY SYSTEM

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This installation will not result in any land disturbance since all the equipment will be located inside of the existing plant building. In addition, this installation will not impact the water balance of the solution ponds and it will not add any emission sources to the facility.

If you have any questions on the above, please call me at (801) 574-3164.

Sincerely,

TENNECO MINERALS COMPANY



Ken A. Kluksdahl
Mine Manager

KAK:bas

cc: R. Johnson
D. Brannum